

FIG. 1

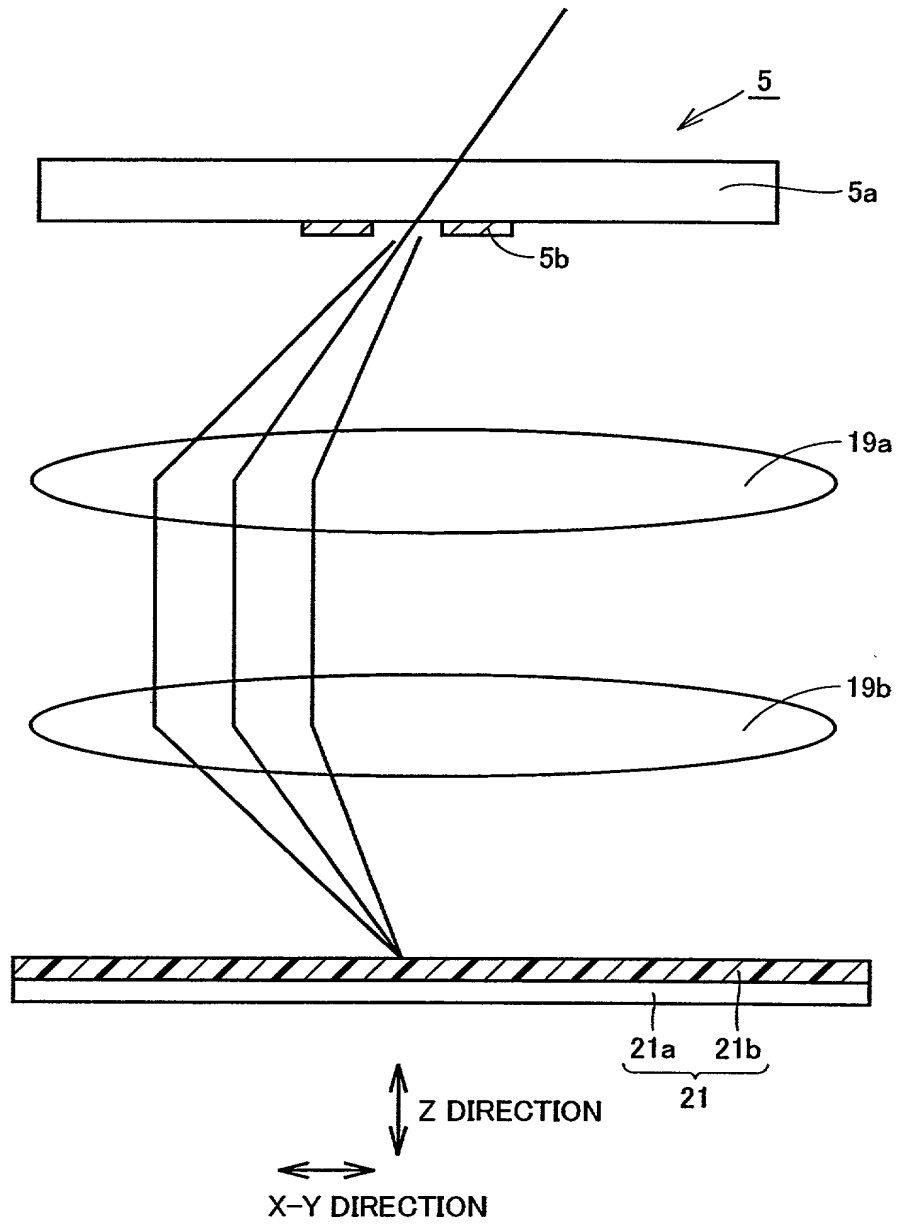


FIG. 2

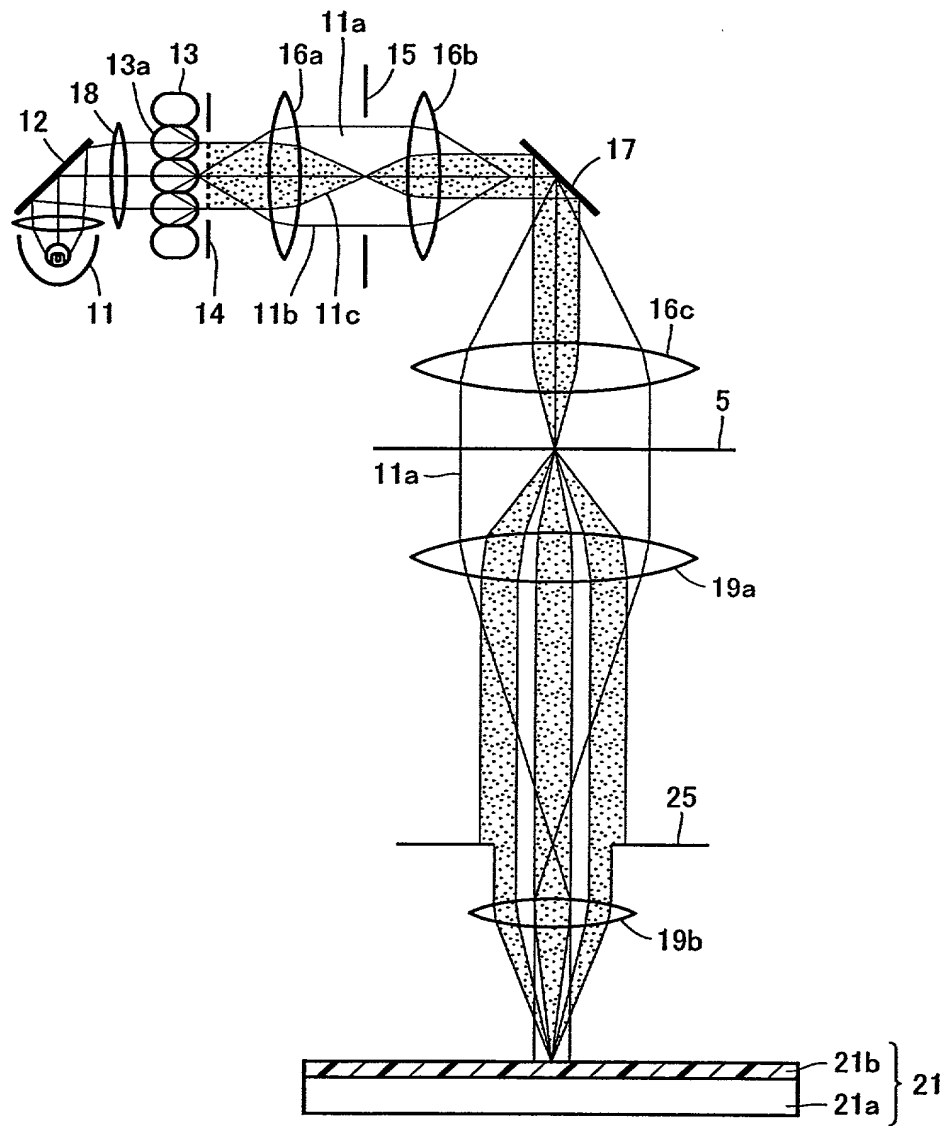


FIG. 3

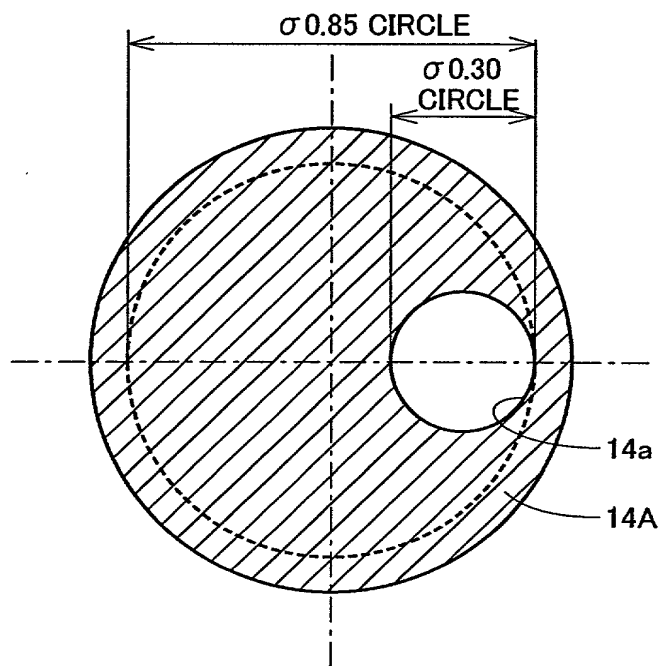
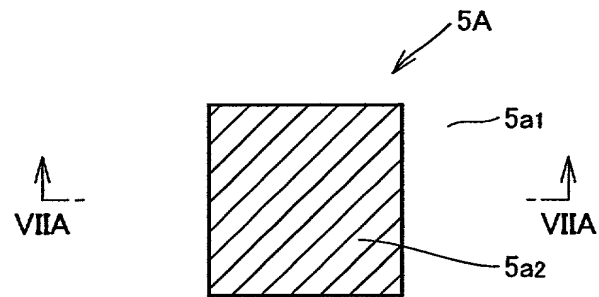
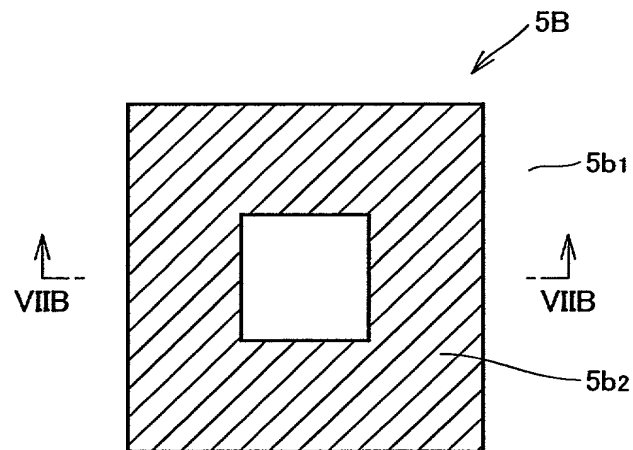


FIG. 4



FIRST EXPOSURE
(DECENTERED ILLUMINATION)

FIG. 5



SECOND EXPOSURE
(NORMAL ILLUMINATION)

FIG. 6A

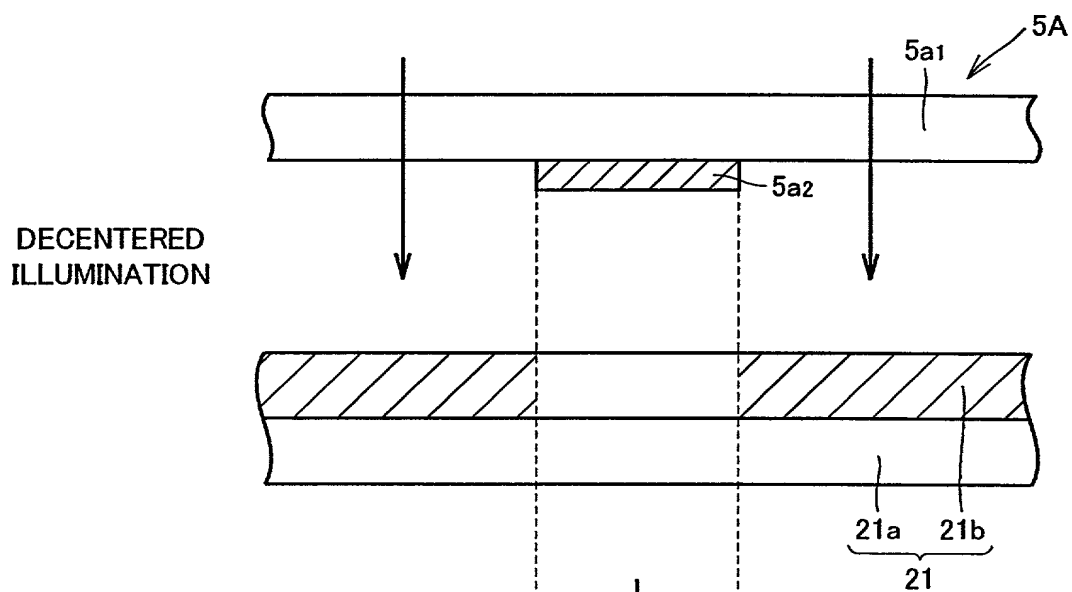


FIG. 6B

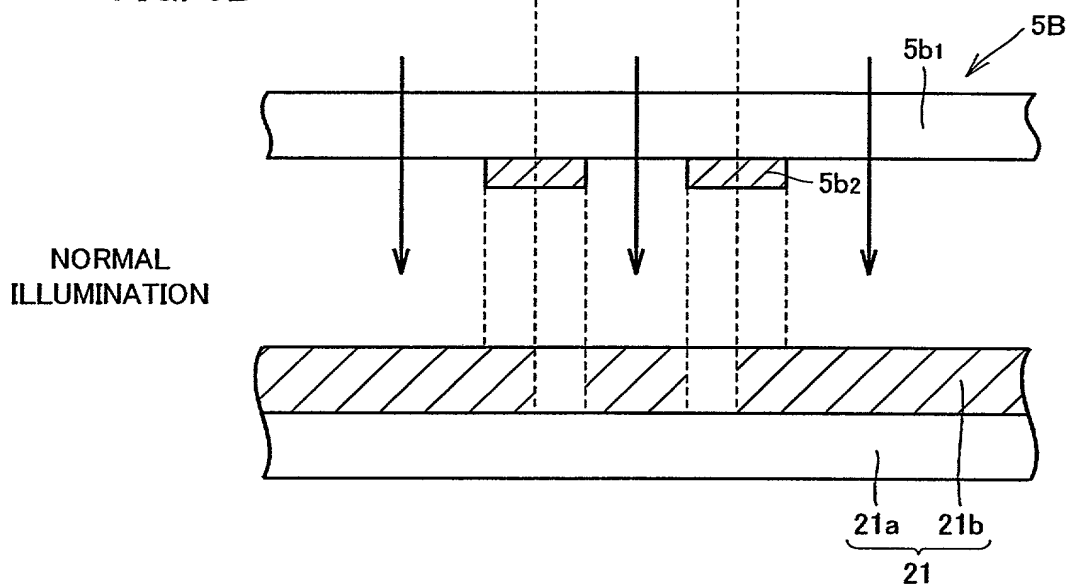


FIG. 7A

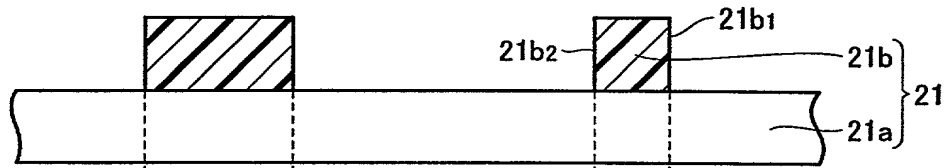
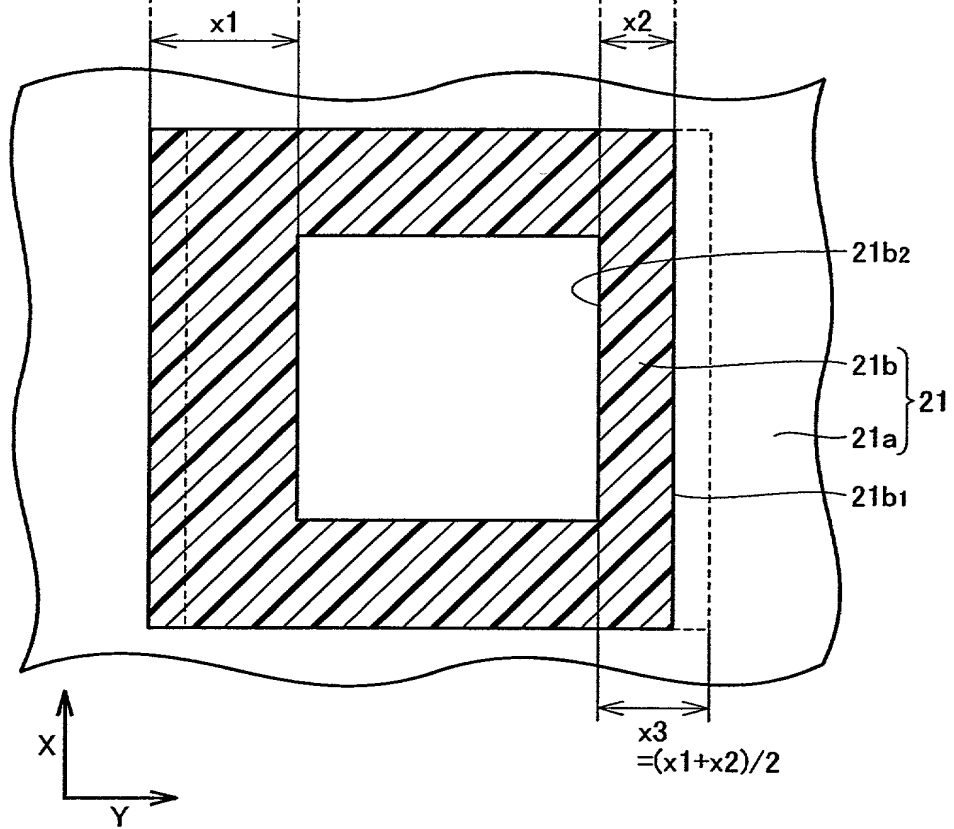


FIG. 7B



1. The first step is to identify the problem. This involves understanding the symptoms and the context in which they are occurring.

FIG. 8

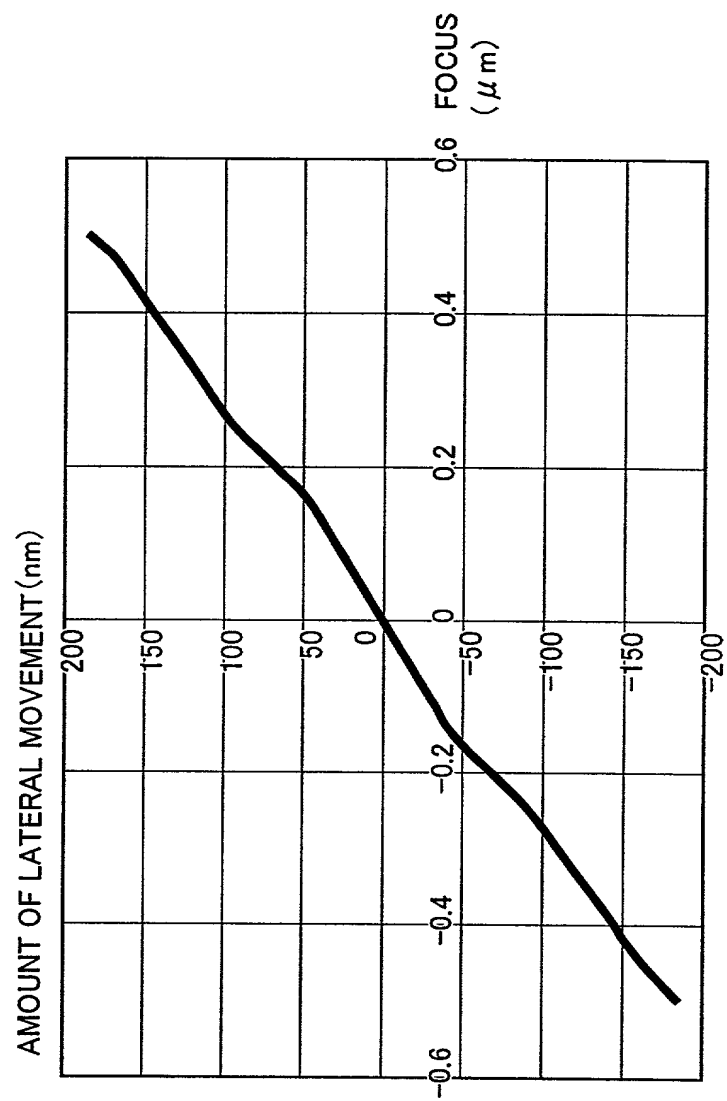


FIG. 10

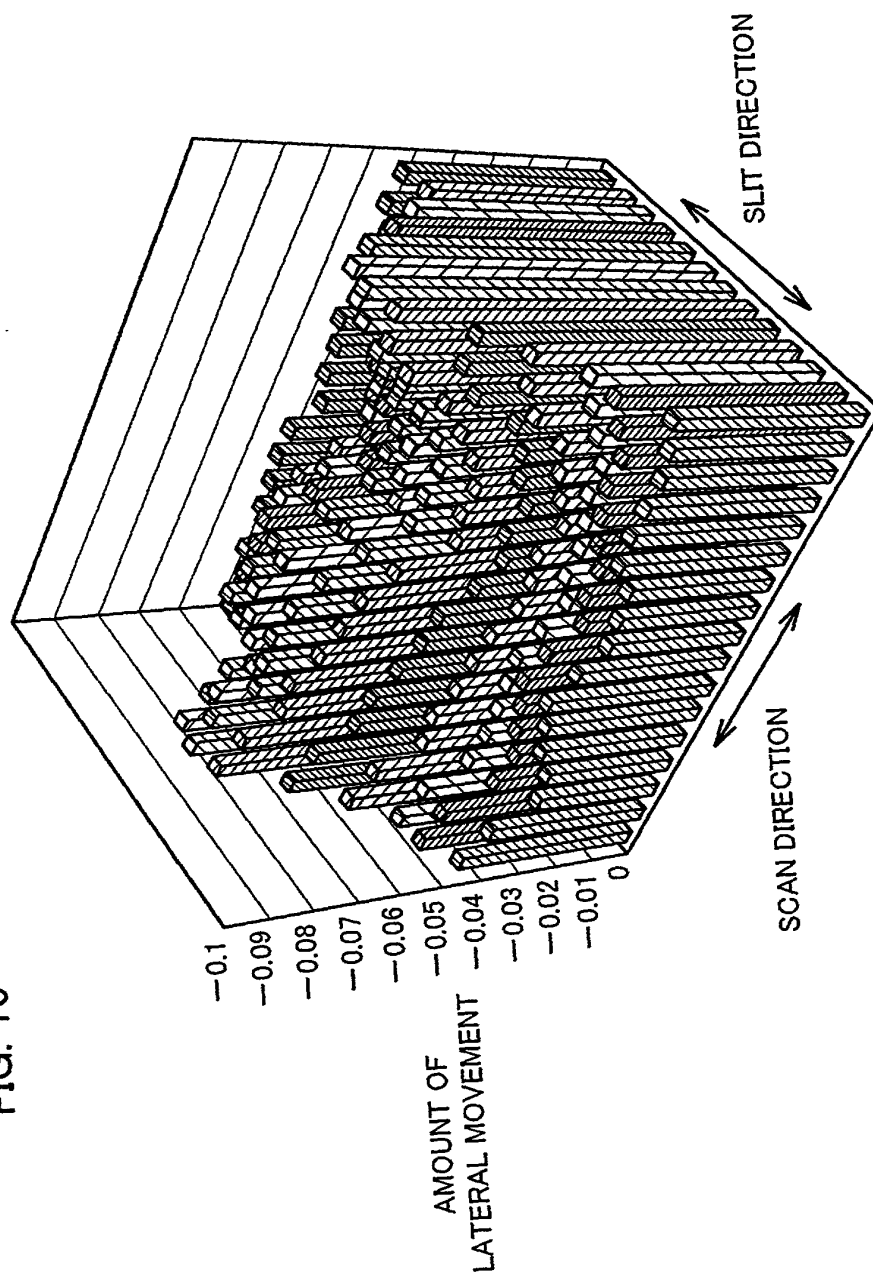


FIG. 11

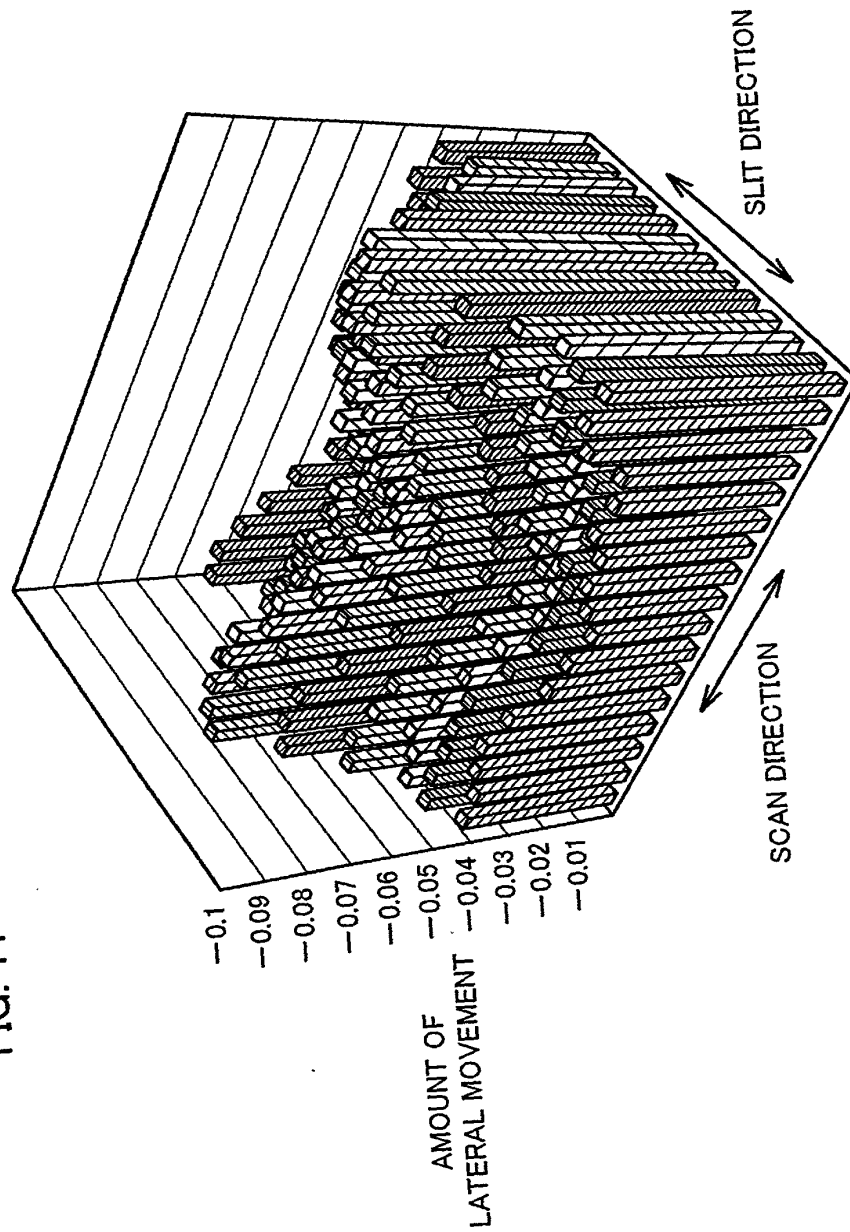
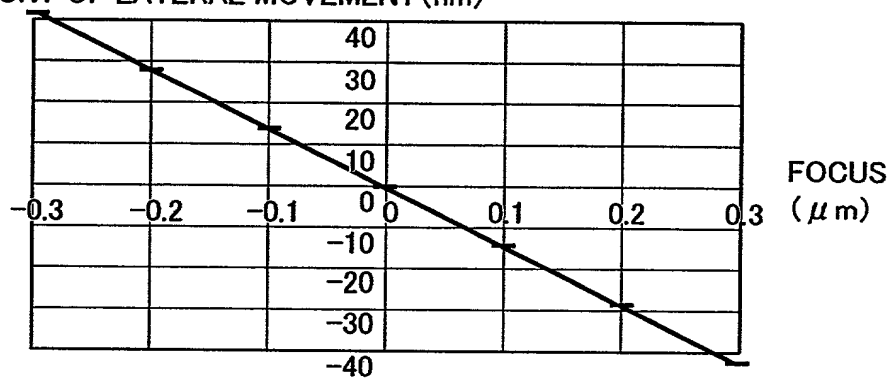


FIG.12

AMOUNT OF LATERAL MOVEMENT (nm)



MOVEMENT OF DARKLINE

ACCORDING TO FOCUS,

MASK(Cr0.1 μm, SHIFTER90° 50 μm), NA0.68, σ 0.30

FIG. 13

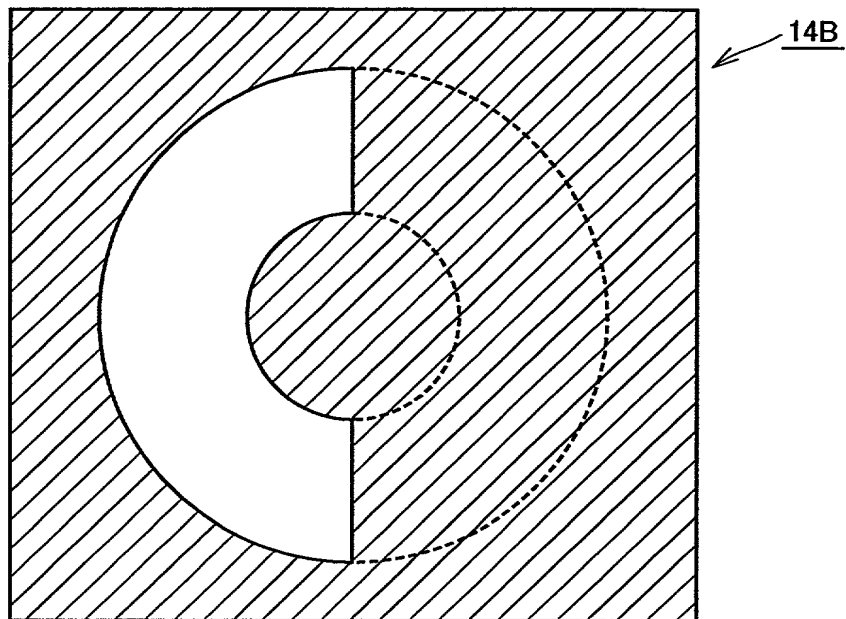


FIG. 14

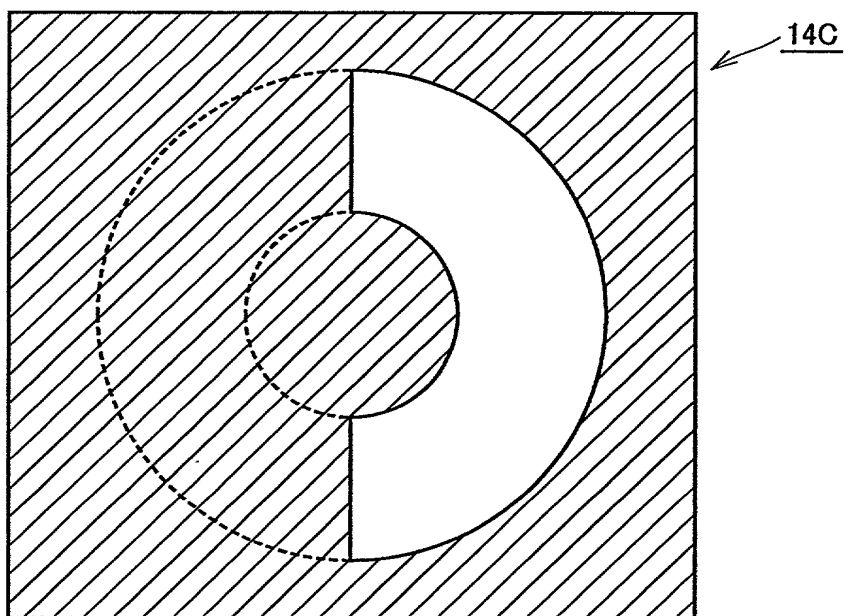


FIG. 15

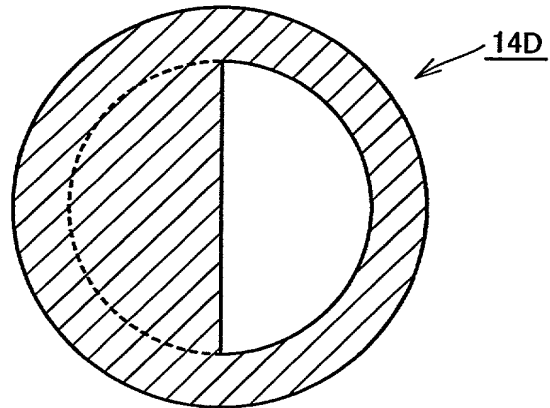


FIG. 16

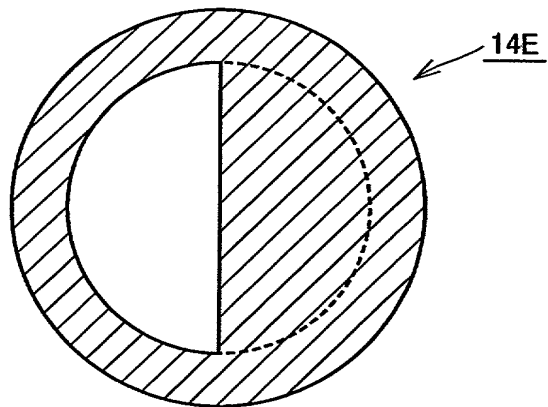


FIG. 17

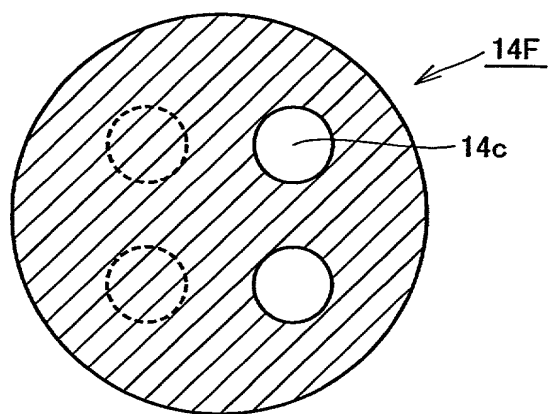


FIG. 18

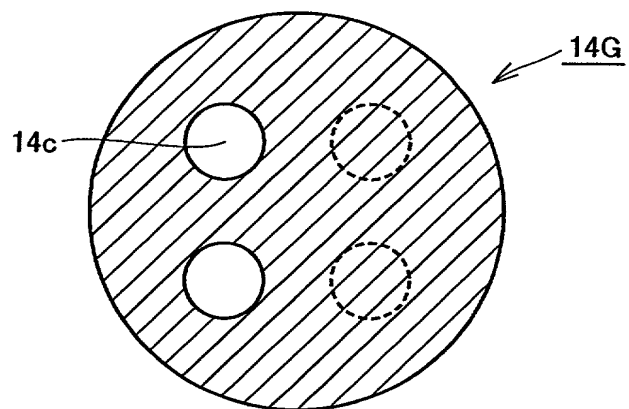


FIG. 19 PRIOR ART

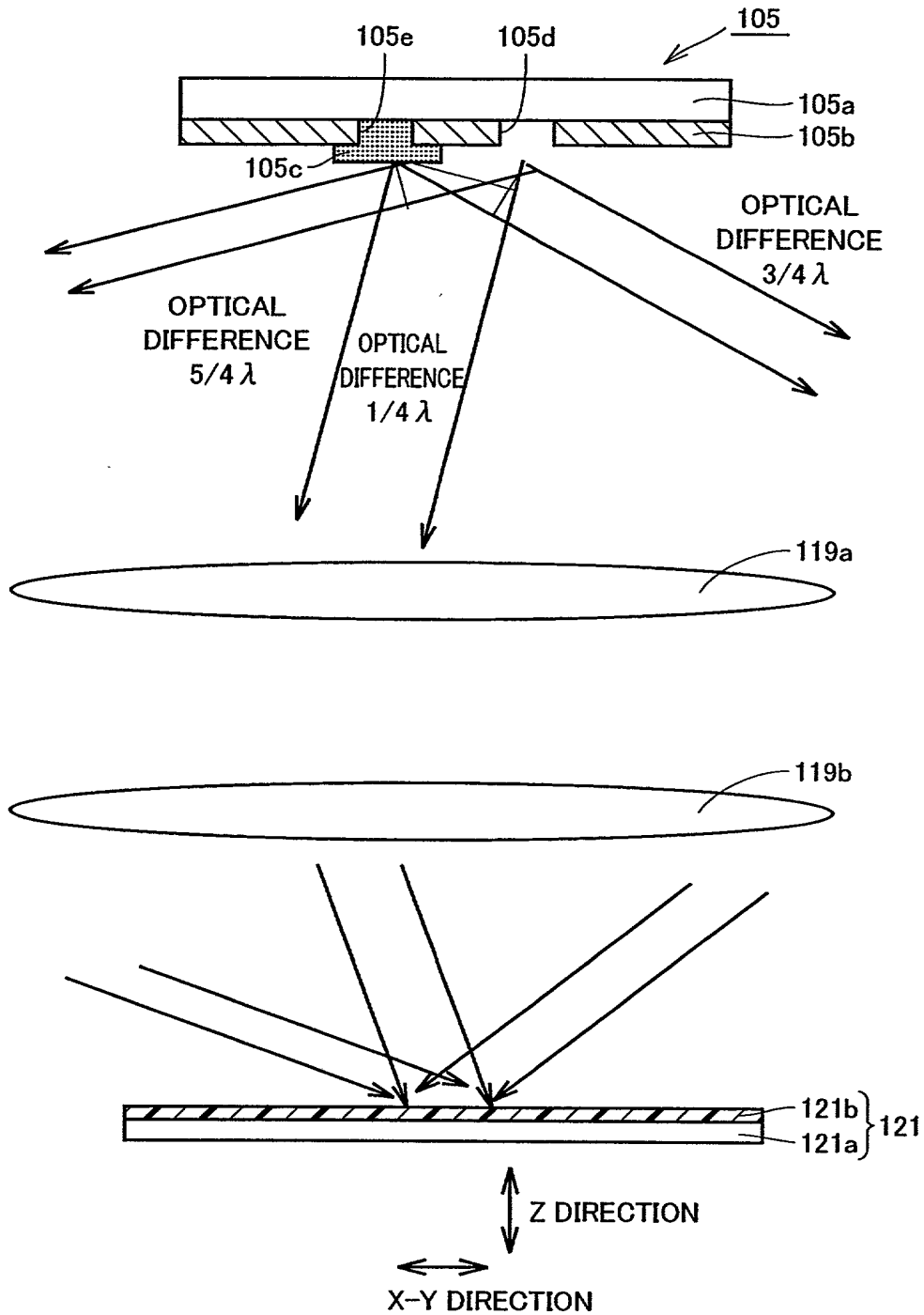


FIG. 20 PRIOR ART

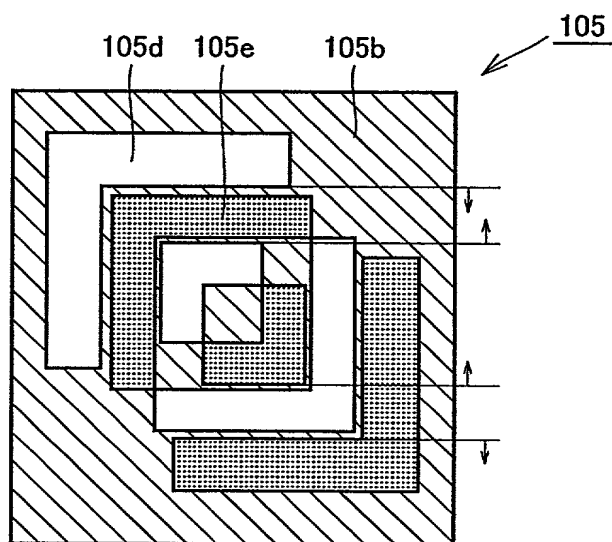


FIG. 21 PRIOR ART

